CLAIMS:

1.   A method for communicating among a plurality of peer nodes in a network environment, comprising:

communicating a discovery command from a current peer node to at least one neighbor peer node, the neighbor peer node in communication with the current peer node; and

receiving, at the current peer node, an aggregated list of peer nodes, the aggregated list of peer nodes comprising information about at least one peer node in communication with the at least one neighbor node.

2.   The method of claim 1, further comprising:

communicating the discovery command to a predetermined number of neighbor peer nodes.

3.   The method of claim 2, further comprising:

determining the predetermined number of neighbor peer nodes.

4.   The method of claim 1, further comprising:

creating a peer table at the current peer node; and

updating the peer table with the aggregated list of peer nodes.

5.   The method of claim 1, further comprising:

receiving, at the current peer node, a second discovery command from an originating peer node; and

communicating, from the current peer node directly to the originating peer node, the peer table in response to the second discovery command.

6. The method of claim 1, further comprising:

receiving a data message at the current peer node, the data message having a unique descriptor.

5   7. The method of claim 6, further comprising:

comparing the descriptor of the received data message to a descriptor table, the descriptor table comprising a plurality of data messages and associated descriptors.

10   8. The method of claim 7, further comprising:

updating the descriptor table with the received data message and the descriptor of the received data message.

9. The method of claim 1, further comprising:

15   forwarding a query command from the current peer node to a predetermined number of neighbor peer nodes.

10. The method of claim 1, further comprising:

receiving, at the current peer node, response data directly from at 20   least one other peer node, the at least one other peer node in communication with the at least one neighbor node.

11. The method of claim 1, further comprising:

receiving, at the current peer node, a query command from an 25   originating peer node; and

communicating, from the current peer node directly to the originating peer node, response data in response to the query command.

12.   The method of claim 11, further comprising:

forwarding the query command from the current peer node to a predetermined number of neighbor peer nodes.

5   13.   Computer program product in a computer usable medium for communicating among a plurality of peer nodes in a network environment, comprising:

means for communicating a discovery command from a current peer node to at least one neighbor peer node, the neighbor peer node in
10   communication with the current peer node; and

means for receiving, at the current peer node, an aggregated list of peer nodes, the aggregated list of peer nodes comprising information about at least one peer node in communication with the at least one neighbor node.

15   14.   The product of claim 13, further comprising:

means for communicating the discovery command to a predetermined number of neighbor peer nodes; and

means for determining the predetermined number of neighbor peer nodes.

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15.   The product of claim 13, further comprising:

means for creating a peer table at the current peer node; and

means for updating the peer table with the aggregated list of peer nodes.

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16.   The product of claim 13, further comprising:

means for receiving, at the current peer node, a second discovery command from an originating peer node; and

means for communicating, from the current peer node directly to the originating peer node, the peer table in response to the second discovery command.

17.   The product of claim 13, further comprising:

means for receiving a data message at the current peer node, the data message having a unique descriptor; and

means for comparing the descriptor of the received data message
5   to a descriptor table, the descriptor table comprising a plurality of data messages and associated descriptors.

18.   The product of claim 17, further comprising:

means for updating the descriptor table with the received data
10   message and the descriptor of the received data message.

19.   The product of claim 13, further comprising:

means for communicating a query command from the current peer node to a predetermined number of neighbor peer nodes.
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20.   The product of claim 13, further comprising:

means for receiving, at the current peer node, response data directly from at least one other peer node, the at least one other peer node in communication with the at least one neighbor node.
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21.   The product of claim 13, further comprising:

means for receiving, at the current peer node, a query command from an originating peer node; and

means for communicating, from the current peer node directly to
25   the originating peer node, response data in response to the query command.

22.   The product of claim 21, further comprising:

means for forwarding the query command from the current peer node to a predetermined number of neighbor peer nodes.

5   23.   A system for communicating among a plurality of peer nodes in a network environment, comprising:

means for communicating a discovery command from a current peer node to at least one neighbor peer node, the neighbor peer node in communication with the current peer node; and

10   means for receiving, at the current peer node, an aggregated list of peer nodes, the aggregated list of peer nodes comprising information about at least one peer node in communication with the at least one neighbor node.

24.   The system of claim 23, further comprising:

15   means for communicating the discovery command to a predetermined number of neighbor peer nodes; and

means for determining the predetermined number of neighbor peer nodes.

20   25.   The system of claim 23, further comprising:

means for creating a peer table at the current peer node; and

means for updating the peer table with the aggregated list of peer nodes.

25   26.   The system of claim 25, further comprising:

means for receiving, at the current peer node, a second discovery command from an originating peer node; and

means for communicating, from the current peer node directly to the originating peer node, the peer table in response to the second discovery

30   command.

27. The system of claim 23, further comprising:

means for receiving a data message at the current peer node, the data message having a unique descriptor; and

means for comparing the descriptor of the received data message

5   to a descriptor table, the descriptor table comprising a plurality of data messages and associated descriptors.

28. The system of claim 27, further comprising:

means for updating the descriptor table with the received data

10   message and the descriptor of the received data message.

29. The system of claim 23, further comprising:

means for forwarding a query command from the current peer node to a predetermined number of neighbor peer nodes.

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30. The system of claim 23, further comprising:

means for receiving, at the current peer node, response data directly from at least one other peer node, the at least one other peer node in communication with the at least one neighbor node.

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31. The system of claim 23, further comprising:

means for receiving, at the current peer node, a query command from an originating peer node; and

means for communicating, from the current peer node directly to

25   the originating peer node, response data in response to the query command.

32.   The system of claim 31, further comprising:

means for forwarding the query command from the current peer node to a predetermined number of neighbor peer nodes.